

Claims

1. A dose of multilayer synthetic resin for the realization of multilayer objects by compression molding, said dose having an axis of symmetry and comprising a first synthetic resin (2) and at least one fine functional layer (3) of synthetic resin forming the outer shell of a body of revolution defined about said axis of symmetry, said body of revolution comprising two ends disposed in a direction parallel to the axis of symmetry, said dose being characterized in that the functional layer (3) is imprisoned in said first synthetic resin (2), totally or in such a way that no more than a single one of said ends is not imprisoned in said first resin (2).
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2. The dose as claimed in claim 1, characterized in that the functional layer (3) is totally imprisoned in the first resin (2).
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3. The dose as claimed in any one of the preceding claims, characterized in that the fine functional layer (3) itself forms a multilayer structure comprising a layer of barrier resin imprisoned between two layers of adhesive resin.
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4. The dose as claimed in any one of the preceding claims, characterized in that both ends of the functional layer are open.
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5. The dose as claimed in any one of claims 1 to 3, characterized in that one two ends of the functional layer is open and the other end is closed.
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6. The dose as claimed in any one of claims 1 to 3, characterized in that both ends of the functional layer are closed.
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7. A multilayer object obtained by compression molding from a dose as claimed in any one of claim 1 to 6, said object containing an inner face and an outer face, said inner face defining the inner part of a packaging, said object being formed of said first synthetic resin (2) and said fine functional layer (3), said functional layer (3) being imprisoned in the wall of said object and forming a fold, said object being characterized in that the functional layer (3) is totally absent from said inner face.
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8. A production method for doses such as defined in any one of claims 1 to 6, comprising a step according to which the resins are coextruded so as to form a multilayer flow, said flow being periodically cut so as to form individual portions, said portions being transferred into a compression mold, characterized in that said portions are deformed in such a way as to cover over least one end of the functional layer (3) with the first synthetic resin (2).
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9. The method as claimed in the preceding claim, characterized in that said portions are deformed during the cutting.
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10. The method as claimed in claim 8, characterized in that said portions are deformed during their transfer into the mold.
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11. The method as claimed in claim 8, characterized in that said portions are deformed once they are in the mold.
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12. A method for producing doses such as defined in any one of claims 1 to 6, comprising a step in which the resins are coextruded in a same

direction, characterized in that it comprises a covering step in which solely said first resin (2) is extruded in such a way as to cover over at least one end of said functional layer (3).

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13. The method as claimed in the preceding claim, characterized in that a covering step, a coextrusion step and a covering step are successively applied in such a way as to totally imprison said functional layer (3).

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